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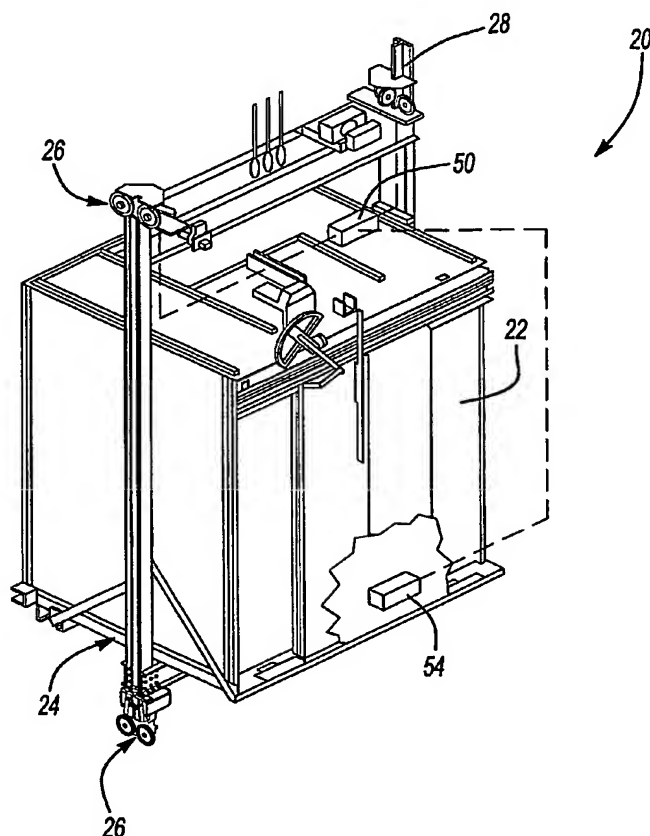
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(54) Title: **ELEVATOR ROLLER GUIDE WITH VARIABLE STIFFNESS DAMPER**



(57) Abstract: An elevator system roller guide device (26) includes a plurality of rollers (32) that roll along a guide rail (28). Dampers (40) that have a selectively variable stiffness dampen lateral movements between the rollers (32) and roller guide device base (30) as the elevator car assembly (20) moves through a hoistway. In one example, the dampers include a magneto-rheological fluid. A controller (50) selectively controls a magnetic field generated by an electromagnet (52) to selectively control the viscosity of the magneto-rheological fluid and the stiffness of the dampers (40).



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